



FIG. 1

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FIG. 2

Sense Primer (PA1)	
subgroup A (RAV-1)	1 C T A C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A
2F	1 A C A G C T G T T A G G T T C C C A G T T T T C C C T A A C A T T A C T A 40
65	1 T A C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A 37
subgroup E (RAV-0)	1 C T A C A G C T G [C] T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A 39
7Q	1 C A G C T G T T A G G T T C C C A G T T T C C C T A A C A T T A C T A 40
10Q	1 C T A C A G C T G T T A G G T T C C C A G T T T C C C T A A C A T T A C T A 37
6F	1 C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A 40
207	1 G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A 37
	1 G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A 35
Hypervariable Region 1	
subgroup A (RAV-1)	41 A T A T T A C T C A G A T [C] T C [C] G G T G T A A C C G G G G A T G C G T A G G
2F	38 A T A T T A C T C A A [A] A T T T C T G G T G T A A C C G G G A G G G A G G C G T A G G 80
65	40 A C A - T A C T C A A A T T T C T G G T G T A A C C G G G A G G G A G G C G T A G G 77
subgroup E (RAV-0)	41 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G A G G G A G G C G T A G G 78
7Q	38 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 80
10Q	41 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 77
6F	38 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 80
207	36 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 77
	36 A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G 75
subgroup A (RAV-1)	81 C T T C A G G C C A A [A] A G G G G T T C C T T G - - - G T A T C T G G G T T G
2F	78 C T T T A G A C C A G G G A G G G A T C C C C T G - - - G T A T A T A G G A T G 116
65	79 C T T T A G A C C A G G G A G G G A T C C C C T G - - - G T A T A T A G G A T G 113
subgroup E (RAV-0)	81 C T T C G C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 114
7Q	78 C T T C A C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 120
10Q	81 C T T C G C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 117
6F	78 C T T C A C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 120
207	76 C T T C A C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 117
	76 C T T C A C C C C A C A T C C A A T C C A A G T G G G T G T C T A C G G G T G G 115
subgroup A (RAV-1)	117 G T C T - - A G A C A G G A - - - - - A G C C A C G C G G T T T C T C C T T
2F	114 G A C T - - A G A C A G G A - - - - - A G C C A C A C G G G T T C C T C C T T 147
65	115 G A C T - - A G A C A G G A - - - - - A G C C A C A C G G G T T C C T C C T T 144
subgroup E (RAV-0)	121 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 145
7Q	118 G A C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 160
10Q	121 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 157
6F	118 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 160
207	116 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 157
	116 G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T 155
subgroup A (RAV-1)	148 A [G] A - C G C C C C T C T T T C T - - - - - C T A A C T C C C T C G G A 176
2F	145 A [G] A - C A A T C C T C C T T T T - - - - - C T A A T T C C A C G G A 173
65	146 A A A - C A A T C C T C C T T T T - - - - - C T A A T T C C A C G G A 174
subgroup E (RAV-0)	161 G G G T C A A T C C C T T C T T T A A C A G G C G C T T C T A A C T C C C A C G G A 200
7Q	158 G G G T C A A T C C C T T C T T T A A C A G G C G C T T C T A A C T C C C A C G G A 197
10Q	161 G G G T C A A T C C C T T C T T T A A C A G G C G C T T C T A A C T C C C A C G G A 197
6F	158 G G G T C A A T C C C T T C T T T A A C A G G C G C T T C T A A C T C C C A C G G A 200
207	156 G G G T C A A T C C C T T C T T T A A C A G G C G C T T C T A A C T C C C A C G G A 197
Antisense Primer (PA2)	
subgroup A (RAV-1)	177 A C C G T T T A C A G T G G G T G A C A G G C G G A T A G G C 205
2F	174 A C C A T T T A C G G T G G G T G A C A G G C G G A T A G G C 202
65	175 A C C A T T T A C G G T G G G T G A C A G G C G G A T A G G C 203
subgroup E (RAV-0)	201 A C C G T T A C G G T G G G T G A C A G G C G G A T A G G C 228
7Q	198 A C C G T T A C G G T G G G T G A C A G G C G G A T A G G C 225
10Q	201 A C C G T T A C G G T G G G T G A C A G G C G G A T A G G C 229
6F	198 A C C G T T A C G G T G G G T G A C A G G C G G A T A G G C 226
207	196 A C C G T T A C G G T G G G T G A C A G G C G G A T A G G C 224

FIG. 3